

Converting Colors

Hex(97D685)

Have a look what the booklet for
Hex(97D685) contains.

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Color

Hex(97D685)

Conversions

Conversions Part 1

Format	Color
Hex	97D685
RGB	151, 214, 133
RGB Percent	59%, 84%, 52%
CMY	0.4078, 0.1608, 0.4784
CMYK	0.29, 0.00, 0.38, 0.16
HSL	107°, 50%, 68%
HSV	107°, 38%, 84%
XYZ	41.0427, 56.3659, 30.9068
YIQ	185.9290, -11.5470, -38.5470

Conversions

Conversions Part 2

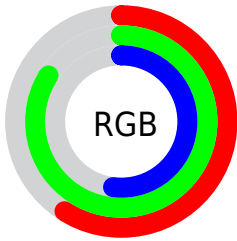
Format	Color
RYB	133, 214, 196
Decimal	9950853
CIELab	79.82, -35.10, 33.77
CIElCh	80, 48.709, 136.108
Yxy	56.3659, 0.3199, 0.4393
Android (android.graphics.Color)	4288140933 (0xFF97D685)
YUV	185.9290, -26.0940, -30.6327
Hunter-Lab	75.0772, -33.8040, 28.1463

Details

The Hex color **97D685** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **C485D6**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **CFFFBB**, and **619F52** is the 20% darker color. If you saturate the color by 10%, you get **86D670**, and if you desaturate by 10%, it is **A8D69A**.

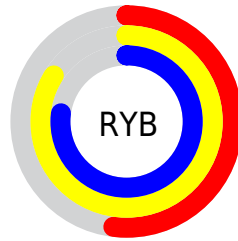
Distribution



Red (59%)

Green (84%)

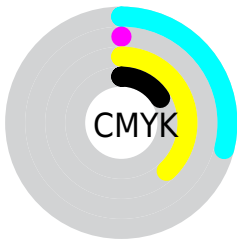
Blue (52%)



Red (52%)

Yellow (84%)

Blue (77%)

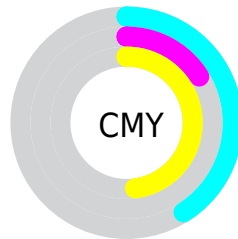


Cyan (29%)

Magenta (0%)

Yellow (38%)

Black (16%)



Cyan (41%)

Magenta (16%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97D685 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 97D685 by changing the saturation by 10% instead.

 97D685

 97D685

FFFFFF

 7CBA6B

 CFFFBB

 619F52

 ECFFD7

 47843A

 FFFFF4

 2D6B22

 0E5208

 003A00

 002600

 000000

 97D685

 97D685

 86D670

 A8D69A

 76D65A

 B8D6B0

 65D645

 C9D6C5

 54D62F

 DAD6DB

 44D61A

 EAD6F0

 33D605

 FBD6FF

 30D600

 FFD6FF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CACB6C



97D685



56DCAF

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



97D685



4ED1FF



FFA2AF

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



97D685



C485D6

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA4DD



97D685



A9C2FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



97D685



00DAFF



E9B1FF



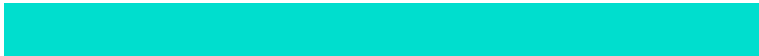
FFAC86

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97D685



00DECE



E9B1FF



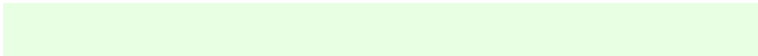
FFA1BE

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



97D685



E9FFE3



D6C385



73806F



000000



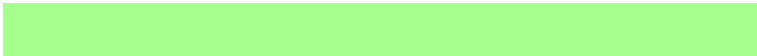
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



97D685



A6FF8C



85D69B



636B60



26AB00



0A2B00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C485D6



E68CFF



D685C0



69606B



8500AB



22002B

Previews

White Background



This preview shows how the Hex color 97D685 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 97D685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

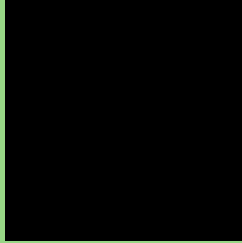
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 97D685 Background



This preview shows how black text looks on a background with the Hex color 97D685.

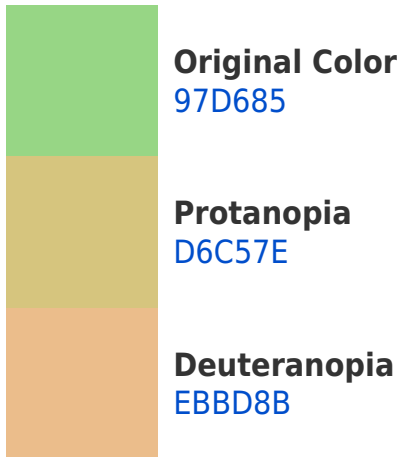


This preview shows how white text looks on a background with the Hex color 97D685.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



Original Color
97D685



Protanomaly
BFCB81



Deuteranomaly
CCC689



Tritanomaly
A1D0BC

Monochromacy



Original Color
97D685



Achromatopsia
BABABA



Achromatomaly
ADC4A7

CSS Examples

Text

The CSS property to change the color of the text to Hex 97D685 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #97D685 looks like.

```
.text, #text, p{  
    color:#97D685  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #97D685 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97D685
}
```

Border

The CSS property to change the border of an element to Hex 97D685 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#97D685 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#97D685 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #97D685 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97D685; -webkit-box-shadow:4px 4px  
4px 4px #97D685; box-shadow:4px 4px 4px  
4px #97D685 }
```

Background

The CSS property to change the background color of an element to Hex 97D685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97D685 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#97D685 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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